

Republic of the Philippines
Department of Public Works and Highways
Bureau : DPWH
Region : IX
District/City : Zamboanga City
PROGRAM OF WORK
(For all types of Project)

Date :

NAME/LOCATION OF PROJECT : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER STRUCTURES MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE BUILDING AT MSU- TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI		Appropriation : P 20,000,000.00 Source of Funds : Issued Obligated Authority : Released : Cal. Days to Complete : 154 Calendar Days Desirable Starting Date : Upon Approval Mode of Implementation : By Contract			
PROJECT CATEGORY : BUILDING					
PROJECT DESCRIPTION : Scope of Work : Construction					
MINIMUM EQUIPMENT REQUIREMENT :		TECHNICAL PERSONNEL REQUIRED :			
Description	No.	Description	No.	Description	No.
One-Bagger Mixer	2	Project Engineer	1	Electrician	5
Concrete Vibrator	3	Material Engineer	1	Plumber	8
Welding Machine	1	Construction Foreman	1	Laborer	30
Bar Cutter	2	Carpenter	10		
Bar Bender	2	Mason	10		
Tile Cutter	5	Steelman	10		
Cutting Outfit	1				
Truck Mounted Crane (31-35 mt)	1				
Dump Truck	1				
Backhoe	1				

ESTIMATED COST OF PROPOSED WORK						
ITEM NO.	DESCRIPTION	% OF TOTAL	UNIT	QUANTITY	DIRECT COST	
					TOTAL	UNIT COST
PART I : FACILITIES FOR THE ENGINEER						
A.1.1(11)	Provision of Furnitures/Fixtures, Equipment & Appliances for the Field Office of the Engineer	1.42%	I.s	1.00	223,592.00	223,592.00
PART II: OTHER GENERAL REQUIREMENTS						
B.3	Permit and Clearances	0.19%	I.s	1.00	30,000.00	30,000.00
B.5	Project Billboard	0.05%	Each	2.00	7,654.94	3,827.47
B.7	Occupational Safety and Health Program	1.34%	month	5.13	212,037.92	41,306.09
B.9	Mobilization/Demobilization	1.96%	L.S	1.00	309,689.60	309,689.60
PART III: CIVIL, MECHANICAL, ELECTRICAL & SANITARY/PLUMBING WORKS						
III-A, EARTHWORKS						
800(2)	Clearing and Grubbing	0.73%	L.S	1.00	116,040.31	116,040.31
803(1)a	Structure Excavation	1.56%	cu. m.	585.07	246,385.09	421.12
804(1)a	Embankment for structure Excavation	1.88%	cu. m.	481.39	296,521.57	615.97
804(4)	Gravel Fill	0.30%	cu. m.	55.00	47,628.32	865.97
III-B, PLAIN AND REINFORCED CONCRETE WORKS						
900(1)c2	Structural Concrete (Footings and Slab on Fill)	5.89%	cu. m.	119.74	929,514.92	7,762.78
900(1)c3	Structural Concrete (Footings Tie Beams)	1.12%	cu. m.	22.75	177,384.00	7,797.10
900(1)c4	Structural Concrete (Columns)	1.47%	cu. m.	29.84	231,780.83	7,767.45
900(1)c5	Structural Concrete (Suspended Slabs and	2.58%	cu. m.	52.44	407,899.97	7,778.41
900(1)c6	Structural Concrete (Beams/Girders)	2.35%	cu. m.	47.83	371,482.64	7,766.73
901(1)	Lean Concrete	0.47%	cu. m.	14.07	74,844.38	5,319.43
902(1)a	Reinforcing Steel (Deformed), Grade 40	8.02%	kgs.	20,128.07	1,266,173.38	62.91
902(1)b	Reinforcing Steel (Deformed), Grade 60	9.18%	kgs.	23,047.00	1,449,791.16	62.91
903(1)	Forms and Falsework	1.59%	L.S	1.00	250,434.29	250,434.29
III-C, FINISHING & OTHER CIVIL WORKS						
1000(1)	Soil Poisoning	1.08%	L	420.00	170,437.57	405.80
1002(27)	Plumbing Works	3.01%	L.S	1.00	476,014.52	476,014.52
1003(1)a1	Ceiling (Fiber Cement Board)	3.92%	sq.m.	804.00	618,410.30	769.17
1004(1)	Rough Hardware	1.07%	I.s	1.00	169,723.40	169,723.40
1004(2)	Finishing Hardware	0.95%	I.s	1.00	150,000.00	150,000.00
1007(2)	Aluminum Framed Glass Doors	2.31%	L.S	1.00	364,186.57	364,186.57
1008(2)	Aluminum Glass Windows	1.77%	L.S	1.00	280,257.04	280,257.04
1012(6)	Glass and Glazing	2.25%	L.S	1.00	355,658.94	355,658.94
1010(4)	Wooden Doors	0.76%	L.S	1.00	119,255.03	119,255.03
1014(1)b2	Prepainted Metal Sheets	2.20%	sq.m	470.00	347,755.08	739.90

1016(1)a	Waterproofing	0.20%	sq. m.	50.00	32,291.08	645.82
1018(2)	Unglazed Tiles	0.83%	sq.m.	151.16	131,162.22	867.70
1018(3)	Granite Tiles	2.95%	sq.m.	602.30	465,901.48	773.54
1018(5)	Glazed Tiles	2.43%	sq.m.	279.61	383,836.68	1,372.76
1027(1)	Cement Plaster Finish	1.91%	sq.m.	2,089.03	301,995.47	144.56
1032(1)a	Painting Works	1.56%	sq. m.	2,287.39	246,187.52	107.63
1046(2)a1	CHB Non-Load Bearing, 100mm thk.	5.42%	sq. m.	1,200.09	855,508.59	712.87
1047(2)a	Structural Steel (Trusses)	1.55%	kg	2,925.69	244,454.82	83.55
1047(2)b	Structural Steel (Purlins)	0.60%	kg	1,303.25	94,307.02	72.36
1047(10)	Metal Structure Accesories	1.32%	l.s	1.00	208,127.52	208,127.52
1051(5)	Metal Railings	1.48%	meter	25.00	233,951.25	9,358.05
III-D, ELECTRICAL						
1100(10)	Conduit, Boxes and Fittings	1.20%	L.S	1.00	188,712.34	188,712.34
1101(33)	Wires and Wiring Devices	6.58%	L.S	1.00	1,039,009.16	1,039,009.16
1102(1)	Panelboard with main & Branch Breakers	0.47%	L.S	1.00	73,923.33	73,923.33
1103(1)	Lighting Fixtures & Lamps	3.80%	L.S	354.00	599,468.34	1,693.41
1201(1)	Water Pumping System	5.49%	L.S	1.00	866,390.16	866,390.16
1208	Fire Alarm System	0.79%	l.s	1.00	125,250.30	125,250.30
TOTAL		100.00%			P 15,791,031.03	

NAME OF PROJECT : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

LOCATION : BRGY. SANGA-SANGA, BONGAO, TAWI-TAWI

BREAKDOWN OF ESTIMATED EXPENDITURES	% OF TOTAL	AMOUNT
I. ESTIMATED COST		
A. DIRECT COST		
A.1. Materials	56.63%	11,326,087.79
A.2. Labor	16.38%	3,276,969.63
A.3. Equipment Expenses	5.94%	1,187,973.61
SUB-TOTAL (DIRECT COST)	78.96%	P 15,791,031.03
B. INDIRECT COST (Per D.O. # 197 s 2016)		
B.1. Overhead, Contingency & Misc.	6.76%	1,351,414.04
B.2. Contractor's Profit	6.19%	1,238,507.31
C. VAT (5% of D.C. and I.C.)	4.60%	919,047.62
SUBTOTAL (CONTRACT COST)	17.54%	P 19,300,000.00
II. ESTIMATED GOVERNMENT EXPENDITURES		
1. Engineering and Administrative Overhead (3.50%)	3.50%	700,000.00
2. Detailed Engineering (1%)		
3. Reserved for the Payment of RROW		-
4. Physical Reserved		-
TOTAL ESTIMATED PROJECT COST	100.00%	P 20,000,000.00

Prepared by:

SHADIMAR JALAUDI

Engineer II

Checked:

JERALD R. BARRERA

Engineer II

Submitted:

LEONCIO B. SOLAMILLO

Chief, Construction Division

Recommending Approval:

KHADAFFY D. TANGGOL

OIC- Assistant Regional Director

CAYAMOMBAO D. DIA

OIC-Regional Director

**PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI**

S U M M A R Y O F D E T A I L E D E S T I M A T E S

ITEM NO.	DESCRIPTION	EQUIPMENT	LABOR	MATERIALS	TOTAL
A.1.1(11)	Provision of Furnitures/Fixtures, Equipment & Appliances for the Field Office of the	-	-	223,592.00	223,592.00
B.3	Permit and Clearances	-	-	30,000.00	30,000.00
B.5	Project Billboard	-	2,954.94	4,700.00	7,654.94
B.7	Occupational Safety and Health Program	-	171,937.92	40,100.00	212,037.92
B.9	Mobilization/Demobilization	309,689.60	-	-	309,689.60
800(2)	Clearing and Grubbing	6,604.46	66,044.60	43,391.25	116,040.31
803(1)a	Structure Excavation	22,398.64	223,986.44	-	246,385.09
804(1)a	Embankment for structure Excavation	2,339.97	23,399.72	270,781.88	296,521.57
804(4)	Gravel Fill	267.35	2,673.48	44,687.50	47,628.32
900(1)c2	Structural Concrete (Footings and Slab on Fill)	132,088.19	335,734.66	461,692.08	929,514.92
900(1)c3	Structural Concrete (Footings Tie Beams)	25,096.09	63,787.90	88,500.00	177,384.00
900(1)c4	Structural Concrete (Columns)	32,917.25	83,667.30	115,196.28	231,780.83
900(1)c5	Structural Concrete (Suspended Slabs and Staircase)	57,847.88	147,034.62	203,017.48	407,899.97
900(1)c6	Structural Concrete (Beams/Girders)	52,762.47	134,108.81	184,611.36	371,482.64
901(1)	Lean Concrete	3,361.17	16,132.77	55,350.44	74,844.38
902(1)a	Reinforcing Steel (Deformed), Grade 40	119,580.86	164,342.70	982,249.82	1,266,173.38
902(1)b	Reinforcing Steel (Deformed), Grade 60	136,922.23	188,175.33	1,124,693.60	1,449,791.16
903(1)	Forms and Falsework	15,073.57	150,735.72	84,625.00	250,434.29
1000(1)	Soil Poisoning	603.42	6,034.15	163,800.00	170,437.57
1002(27)	Plumbing Works	12,906.07	129,060.72	334,047.73	476,014.52
1003(1)a1	Ceiling (Fiber Cement Board)	12,278.33	122,783.26	483,348.72	618,410.30
1004(1)	Rough Hardware	1,793.04	17,930.36	150,000.00	169,723.40
1004(2)	Finishing Hardware	-	-	150,000.00	150,000.00
1007(2)	Aluminum Framed Glass Doors	2,068.82	20,688.22	341,429.53	364,186.57
1008(2)	Aluminum Glass Windows	2,068.82	20,688.22	257,500.00	280,257.04
1012(6)	Glass and Glazing	9,605.36	96,053.58	250,000.00	355,658.94
1010(4)	Wooden Doors	1,477.73	14,777.30	103,000.00	119,255.03
1014(1)b2	Prepainted Metal Sheets	5,204.24	52,042.43	290,508.41	347,755.08
1016(1)a	Waterproofing	208.28	2,082.80	30,000.00	32,291.08
1018(2)	Unglazed Tiles	7,267.31	40,571.96	83,322.95	131,162.22
1018(3)	Granite Tiles	28,232.81	157,618.27	280,050.40	465,901.48

ITEM NO.	DESCRIPTION	EQUIPMENT	LABOR	MATERIALS	TOTAL
1018(5)	Glazed Tiles	35,232.91	321,636.25	26,967.52	383,836.68
1027(1)	Cement Plaster Finish	10,081.74	92,034.77	199,878.96	301,995.47
1032(1)a	Painting Works	5,885.41	58,854.11	181,448.00	246,187.52
1046(2)a1	CHB Non-Load Bearing, 100mm thk.	64,432.68	104,678.44	686,397.48	855,508.59
1047(2)a	Structural Steel (Trusses)	42,873.55	15,179.71	186,401.56	244,454.82
1047(2)b	Structural Steel (Purlins)	4,554.95	5,457.85	84,294.21	94,307.02
1047(10)	Metal Structure Accesories	738.87	7,388.65	200,000.00	208,127.52
1051(5)	Metal Railings	2,035.83	1,954.41	229,961.00	233,951.25
1100(10)	Conduit, Boxes and Fittings	4,846.49	48,464.85	135,401.00	188,712.34
1101(33)	Wires and Wiring Devices	5,714.59	57,145.92	976,148.65	1,039,009.16
1102(1)	Panelboard with main & Branch Breakers	629.39	6,293.94	67,000.00	73,923.33
1103(1)	Lighting Fixtures & Lamps	6,942.76	69,427.59	523,098.00	599,468.34
1201(1)	Water Pumping System	2,399.11	23,991.05	840,000.00	866,390.16
1208	Fire Alarm System	941.39	9,413.91	114,895.00	125,250.30
	TOTAL	1,187,973.61	3,276,969.63	11,326,087.79	15,791,031.03

APPROVED BUDGET FOR THE CONTRACT

PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Contract Duration : 154 Calendar Days

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UPS VALUE	VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
					OCM	PROFIT					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
A.1.1(11)	Provision of Furnitures/Fixtures, Equipment & Appliances for the Field Office of the Engineer	1.00	ls	223,592.00	-	8.00	17,887.36	12,073.97	29,961.33	253,553.33	253,553.33
B.3	Permit and Clearances	1.00	ls	30,000.00	-	8.00	2,400.00	1,620.00	4,020.00	34,020.00	34,020.00
B.5	Project Billboard	2.00	Each	7,654.94	9.00	8.00	1,301.34	447.81	1,749.15	9,404.09	4,702.05
B.7	Occupational Safety and Health Program	5.13	month	21,037.92	-	8.00	1,693.03	11,450.05	28,413.08	240,451.00	46,841.10
B.9	Mobilization/Demobilization	1.00	LS	309,689.60	-	-	-	15,484.48	15,484.48	325,174.08	325,174.08
800(2)	Cleaning and Grubbing	1.00	LS	116,040.31	9.00	8.00	19,726.85	6,788.36	26,515.21	142,555.52	142,555.52
803(1)a	Structure Excavation	585.07	cu. m.	246,385.09	9.00	8.00	41,885.46	14,413.53	56,298.99	302,684.08	517.35
804(1)a	Embankment for structure Excavation	481.39	cu. m.	296,521.57	9.00	8.00	50,408.67	17,346.51	67,755.18	364,276.74	756.72
804(4)	Gravel Fill	55.00	cu. m.	47,628.32	9.00	8.00	8,096.82	2,786.26	10,883.07	58,511.40	1,063.84
900(1)c2	Structural Concrete (Footings and Slab on Fill)	119.74	cu. m.	929,514.92	9.00	8.00	158,017.54	54,376.62	212,394.16	1,141,909.08	9,536.57
900(1)c3	Structural Concrete (Footings Tie Beams)	22.75	cu. m.	177,384.00	9.00	8.00	30,155.28	10,376.96	40,532.24	217,916.24	9,578.74
900(1)c4	Structural Concrete (Columns)	29.84	cu. m.	231,780.83	9.00	8.00	39,402.74	13,559.18	52,961.92	284,742.75	9,542.32
900(1)c5	Structural Concrete (Suspended Slabs and Staircase)	52.44	cu. m.	407,899.97	9.00	8.00	69,343.00	23,862.15	93,205.14	501,105.12	9,555.78
900(1)c6	Structural Concrete (Beams/Girders)	47.83	cu. m.	371,482.64	9.00	8.00	63,152.05	21,731.73	84,883.78	456,366.42	9,541.43
901(1)	Lean Concrete	14.07	cu. m.	74,844.38	9.00	8.00	12,723.54	4,378.40	17,101.94	91,946.32	6,534.92
902(1)a	Reinforcing Steel (Deformed), Grade 40	20,128.07	kgs.	1,266,173.38	9.00	8.00	215,249.48	74,071.14	289,320.62	1,555,494.00	77.28
902(1)b	Reinforcing Steel (Deformed), Grade 60	23,047.00	kgs.	1,449,791.16	9.00	8.00	246,464.50	84,812.78	331,277.28	1,781,068.44	77.28
903(1)	Forms and Falsework	1.00	LS	250,434.29	9.00	8.00	42,573.83	14,650.41	57,224.24	307,658.53	307,658.53
1000(1)	Soil Poisoning	420.00	L	170,437.57	9.00	8.00	28,974.39	9,970.60	38,944.98	209,382.55	498.53
1002(27)	Plumbing Works	1.00	LS	476,014.52	9.00	8.00	80,922.47	27,846.85	108,769.32	584,783.84	584,783.84
1003(1)a	Ceiling (Fiber Cement Board)	804.00	sq.m.	618,410.30	9.00	8.00	105,129.75	36,177.00	141,306.75	759,717.06	944.92
1004(1)	Rough Hardware	1.00	LS	169,723.40	9.00	8.00	28,852.98	9,928.82	38,781.80	208,505.19	208,505.19
1004(2)	Finishing Hardware	1.00	LS	150,000.00	9.00	8.00	25,000.00	8,775.00	33,775.00	184,275.00	184,275.00
1007(2)	Aluminum Framed Glass Doors	1.00	LS	364,186.57	9.00	8.00	61,911.72	21,304.91	83,216.63	447,403.20	447,403.20
1008(2)	Aluminum Glass Windows	1.00	LS	280,257.04	9.00	8.00	47,643.70	16,395.04	64,038.73	344,295.78	344,295.78
1012(6)	Glass and Glazing	1.00	LS	355,658.94	9.00	8.00	60,462.02	20,806.05	81,268.07	436,927.01	436,927.01
1010(4)	Wooden Doors	1.00	LS	119,255.03	9.00	8.00	20,273.36	6,976.42	27,249.77	146,504.80	146,504.80
1014(1)b2	Prepainted Metal Sheets	470.00	sq.m	347,755.08	9.00	8.00	59,118.36	20,343.67	79,462.04	427,217.11	908.97
1016(1)a	Waterproofing	50.00	sq. m.	32,291.08	9.00	8.00	5,488.48	1,889.03	7,378.51	39,669.60	793.39
1018(2)	Un glazed Tiles	151.16	sq.m.	131,162.22	9.00	8.00	22,297.58	7,672.99	29,970.57	161,132.78	1,065.98
1018(3)	Granite Tiles	602.30	sq.m.	465,901.48	9.00	8.00	79,203.25	27,255.24	106,458.49	572,359.97	950.29
1018(5)	Glazed Tiles	279.61	sq.m.	383,836.68	9.00	8.00	65,282.24	22,454.45	87,736.68	471,543.36	1,686.43
1027(1)	Cement Plaster Finish	2,089.03	sq.m.	301,995.47	9.00	8.00	51,339.23	17,666.73	69,005.96	371,001.43	177.60
1032(1)a	Painting Works	2,287.39	sq. m.	246,187.52	9.00	8.00	41,851.88	14,401.97	56,253.85	302,441.37	132.22
1046(2)a	CHB Non-Load Bearing, 100mm thk.	1,200.09	sq. m.	855,508.59	9.00	8.00	145,436.46	50,047.25	195,483.71	1,050,992.30	875.76
1047(2)a	Structural Steel (Trusses)	2,925.69	kg	244,454.82	9.00	8.00	41,557.32	14,300.61	55,857.93	300,312.75	102.65
1047(2)b	Structural Steel (Purlins)	1,303.25	kg	94,307.02	9.00	8.00	16,032.19	5,516.96	21,549.15	115,856.17	88.90
1047(10)	Metal Structure Accessories	1.00	LS	208,127.52	9.00	8.00	35,381.68	12,175.46	47,557.14	255,684.65	255,684.65
1051(5)	Metal Railings	25.00	meter	233,951.25	9.00	8.00	39,771.71	13,686.15	53,457.86	287,409.11	11,496.36
1100(10)	Conduit, Boxes and Fittings	1.00	LS	188,712.34	9.00	8.00	32,081.10	11,039.67	43,120.77	231,833.10	231,833.10
1101(33)	Wires and Wiring Devices	1.00	LS	1,039,009.16	9.00	8.00	176,631.56	60,782.04	237,413.59	1,276,422.76	1,276,422.76
1103(1)	Panelboard with main & Branch Breakers	1.00	LS	73,923.33	9.00	8.00	12,566.97	4,324.52	16,891.48	90,814.82	90,814.82
1201(1)	Lighting Fixtures & Lamps	354.00	LS	599,468.34	9.00	8.00	101,909.62	35,068.90	136,978.52	736,446.86	2,080.36
1201(1)	Water Pumping System	1.00	LS	866,390.16	9.00	8.00	147,286.33	50,683.82	197,970.15	1,064,360.31	1,064,360.31
1.208	Fire Alarm System	1.00	LS	125,250.30	9.00	8.00	21,292.55	7,327.14	28,619.69	153,869.99	153,869.99
T O T A L									919,047.62	19,300,000.00	

Prepared by:

SHARIMAR JALAI
Engineer II

Checked by:

JERALD R. BARREDA
Engineer II

Submitted by:

FERONCIO B. SOLAMILLO
Chief, Construction Division

Recommending Approval:

KHADAFY P. YANGGOL
OIC-Assistant Regional Director

Approved:

CAYANOMBABO D. DIA
OIC-Regional Director

WORK PROGRAMME/SCHEDULE

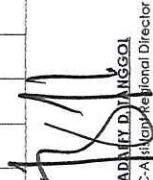
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	DURATION NO. OF DAYS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
A.1.1(11)	Provision of Furnitures/Fixtures, Equipment & Appliances for the Field Office of the Engineer	1.00	ls	154.00																											
B.3	Permit and Clearances	1.00	ls	0.00																											
B.5	Project Billboard	2.00	each	2.00																											
B.7	Occupational Safety and Health Program	5.13	sq.m.	154.00																											
B.9	Mobilization/Demobilization	1.00	ls	4.00																											
800(2)	Clearing and Grubbing	1.00	ls	10.00																											
803(1)a	Structure Excavation	585.07	cum	19.50																											
804(1)a	Embankment for structure Excavation	481.39	cum	3.86																											
804(4)	Gravel Fill	55.00	cum	0.44																											
900(1)c2	Structural Concrete (Footings and Slab on Fill)	119.74	cum	26.73																											
900(1)c3	Structural Concrete (Footings Tie Beams)	22.75	cum	5.08																											
900(1)c4	Structural Concrete (Columns)	29.84	cum	6.66																											
900(1)c5	Structural Concrete (Suspended Slabs and Staircase)	52.44	cum	11.71																											
900(1)c6	Structural Concrete (Beams/Girders)	47.83	cum	10.68																											
901(1)	Lean Concrete	14.07	cum	2.44																											
902(1)a	Reinforcing Steel (Deformed), Grade 40	20,128.07	kg	13.08																											
902(1)b	Reinforcing Steel (Deformed), Grade 60	23,047.00	kg	14.98																											
903(1)	Forms and Falsework	1.00	ls	12.00																											
1000(1)	Soil Polishing	420.00	L	3.28																											
1002(27)	Plumbing Works	1.00	ls	12.00																											
1003(1)a1	Ceiling (Fiber Cement Board)	804.00	sq.m.	66.77																											
1004(1)	Rough Hardware	1.00	ls	7.00																											
1004(2)	Finishing Hardware	1.00	ls	0.00																											
1007(2)	Aluminum Framed Glass Doors	1.00	ls	14.00																											
1008(2)	Aluminum Glass Windows	1.00	ls	18.00																											
1012(6)	Glass and Glazing	1.00	ls	18.00																											
1010(4)	Wooden Doors	1.00	ls	10.00																											
1014(1)b2	Prepainted Metal Sheets	470.00	sq.m.	28.30																											
1016(1)a	Waterproofing	50.00	sq.m.	0.39																											
1018(2)	Unglazed Tiles	151.16	sq.m.	3.23																											
1018(3)	Granite Tiles	602.30	sq.m.	12.55																											
1018(5)	Glazed Tiles	279.61	sq.m.	25.61																											
1027(1)	Cement Plaster Finish	2,089.03	sq.m.	7.33																											
1032(1)a	Painting Works	2,287.39	sq.m.	5.47																											
1046(2)a1	CHB Non-Load Bearing, 100mm thk.	1,200.09	sq.m.	39.22																											
1047(2)a	Structural Steel (Trusses)	2,925.69	kg	4.30																											
1047(2)b	Structural Steel (Purlins)	1,303.25	kg	1.80																											
1047(10)	Metal Structure Accessories	1.00	ls	5.00																											
1051(5)	Metal Railings	25.00	m	0.42																											
1100(10)	Conduit, Boxes and Fittings	1.00	ls	21.00																											
1101(33)	Wires and Wiring Devices	1.00	ls	18.21																											
1102(1)	Panelboard with main & branch breakers	1.00	ls	2.00																											
1103(1)	Lighting Fixtures & Lamps	354.00	ls	22.13																											
1201(1)	Water Pumping System	1.00	ls	5.00																											
1208	Fire Alarm System	1.00	ls	3.00																											

Checked by: 
JERALD R. BARRERA
Engineer II

Prepared by: 
SHADMAR JALANDI
Engineer II

Submitted by: 
LEONCIO B. SOLAMITO
Chief, Construction Division

Recommending Approval:


KHADY D. TANGGOI
Chief, Construction Division

Approved:


CAYAMON B. D. DIAO
OIC Regional Director

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE BUILDING AT MSU-TCO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 800(2) Clearing and Grubbing

Unit of Measurement : L.S

Output per hour :

Quantity : 1.00 L.S

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	10.00	647.61	6,476.10
	b. Carpenter	5	10.00	468.87	23,443.50
	c. Laborer	10	10.00	361.25	36,125.00
Sub-total for A					66,044.60
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	Minor Tools (10 % of Labor)				6,604.46
Sub-total for B					6,604.46
C. Total (A + B)					72,649.06
D. Output / day					
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Assorted Coco Lumber	1,565.50	bd.ft.	15.00	23,482.50
	b. Assorted Common Nails	78.28	kgs.	50.00	3,913.75
	c. 1/4" Thk. Ordinary Plywood	16.00	pcs.	350.00	5,600.00
	d. GA#26 Corrugated G.I Sheets	14.00	pcs.	742.50	10,395.00
Sub-total for E					43,391.25
F. Direct Unit Cost (C + E)					116,040.31
G. Overhead Contingencies & Miscellaneous (OCM)			9%		10,443.63
H. Contractors Profit (CP)			8%		9,283.22
I. Value Added Tax (VAT)			5%		6,788.36
J. Total Unit Cost					142,555.52

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 803(1)a Structure Excavation
Unit of Measurement : cu. m.
Output per hour : 3.75 cu.m./hr.
Quantity : 585.07 cu. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	19.50	647.61	12,629.91
	b. Laborer	30	19.50	361.25	211,356.54
Sub-total for A					223,986.44
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Minor Tools (10% of Labor)				22,398.64
Sub-total for B					22,398.64
C. Total (A + B)					246,385.09
D. Output / day		30.00 cu.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
Sub-total for E					-
F. Direct Unit Cost (C + E)					246,385.09
G. Overhead Contingencies & Miscellaneous (OCM)			9%		22,174.66
H. Contractors Profit (CP)			8%		19,710.81
I. Value Added Tax (VAT)			5%		14,413.53
J. Total Unit Cost					517.35

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
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BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 804(1)a Embankment for structure Excavation

Unit of Measurement : cu. m.

Output per hour : 15.60 cu.m./hr.

Quantity : 481.39 cu. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	3.86	647.61	2,498.02
	b. Laborer	15	3.86	361.25	20,901.70
Sub-total for A					23,399.72
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Minor Tools (10% of Labor)				2,339.97
Sub-total for B					2,339.97
C. Total (A + B)					25,739.69
D. Output / day		124.80 cu.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Filling Materials	601.74	cu.m	450.00	270,781.88
Sub-total for E					270,781.88
F. Direct Unit Cost (C + E)					296,521.57
G. Overhead Contingencies & Miscellaneous (OCM)			9%		26,686.94
H. Contractors Profit (CP)			8%		23,721.73
I. Value Added Tax (VAT)			5%		17,346.51
J. Total Unit Cost					756.72

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
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BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 804(4) Gravel Fill

Unit of Measurement : cu. m.

Output per hour : 15.60 cu.m./hr.

Quantity : 55.00 cu. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A. Labor					
	a. Construction Foreman	1	0.44	647.61	285.41
	b. Laborer	15	0.44	361.25	2,388.07
Sub-total for A					2,673.48
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B. Equipment Cost					
	a. Minor Tools (10% of Labor)				267.35
Sub-total for B					267.35
C. Total (A + B)					2,940.82
D. Output / day		124.80 cu.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E. Materials					
	a. Gravel Fills	68.75	cu.m	650.00	44,687.50
Sub-total for E					44,687.50
F. Direct Unit Cost (C + E)					47,628.32
G. Overhead Contingencies & Miscellaneous (OCM)			9%		4,286.55
H. Contractors Profit (CP)			8%		3,810.27
I. Value Added Tax (VAT)			5%		2,786.26
J. Total Unit Cost					1,063.84

DETAILED UNIT PRICE ANALYSIS

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BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 900(1)c2 Structural Concrete (Footings and Slab on Fill)

Unit of Measurement : cu. m.

Output per hour : 0.56 cu.m./hr.

Quantity : 119.74 cu. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A. Labor					
	a. Construction Foreman	1	26.73	647.61	17,309.11
	b. Mason	10	26.73	468.87	125,318.07
	c. Laborer	20	26.73	361.25	193,107.48
Sub-total for A					335,734.66
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B. Equipment Cost					
	a. One Bagger Mixer	2	26.73	1,376.00	73,554.57
	b. Concrete Vibrator	3	26.73	730.00	58,533.62
Sub-total for B					132,088.19
C. Total (A + B)					467,822.84
D. Output / day		4.48 cu.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E. Materials					
	a. Portland Cement (40 kgs.)	1,090.00	bags	265.00	288,850.00
	b. Coarse Sand	60.00	cu.m.	901.00	54,060.00
	c. Gravel	119.74	cu.m.	992.00	118,782.08
Sub-total for E					461,692.08
F. Direct Unit Cost (C + E)					929,514.92
G. Overhead Contingencies & Miscellaneous (OCM)			9%		83,656.34
H. Contractors Profit (CP)			8%		74,361.19
I. Value Added Tax (VAT)			5%		54,376.62
J. Total Unit Cost					9,536.57

DETAILED UNIT PRICE ANALYSIS

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Item No./Description : 900(1)c3 Structural Concrete (Footings Tie Beams)

Unit of Measurement : cu. m.

Output per hour : 0.56 cu.m./hr.

Quantity : 22.75 cu. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A. Labor	a. Construction Foreman	1	5.08	647.61	3,288.64
	b. Mason	10	5.08	468.87	23,809.80
	c. Laborer	20	5.08	361.25	36,689.45
	Sub-total for A				63,787.90
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B. Equipment Cost	a. One Bagger Mixer	2	5.08	1,376.00	13,975.00
	b. Concrete Vibrator	3	5.08	730.00	11,121.09
	Sub-total for B				25,096.09
C. Total (A + B)					88,884.00
D. Output / day		4.48	cu.m./day		
Name and Specification		Quantity	Unit	Unit Cost	Total
E. Materials	a. Portland Cement (40 kgs.)	208.00	bags	265.00	55,120.00
	b. Coarse Sand	12.00	cu.m.	901.00	10,812.00
	c. Gravel	22.75	cu.m.	992.00	22,568.00
	Sub-total for E				88,500.00
F. Direct Unit Cost (C + E)					177,384.00
G. Overhead Contingencies & Miscellaneous (OCM)		9%			15,964.56
H. Contractors Profit (CP)		8%			14,190.72
I. Value Added Tax (VAT)		5%			10,376.96
J. Total Unit Cost					9,578.74

DETAILED UNIT PRICE ANALYSIS

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BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 900(1)c4 Structural Concrete (Columns)

Unit of Measurement : cu. m.

Output per hour : 0.56 cu.m./hr.

Quantity : 29.84 cu. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	6.66	647.61	4,313.55
	b. Mason	10	6.66	468.87	31,230.09
	c. Laborer	20	6.66	361.25	48,123.66
Sub-total for A					83,667.30
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. One Bagger Mixer	2	6.66	1,376.00	18,330.29
	b. Concrete Vibrator	3	6.66	730.00	14,586.96
Sub-total for B					32,917.25
C. Total (A + B)					116,584.55
D. Output / day		4.48 cu.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Portland Cement (40 kgs.)	272.00	bags	265.00	72,080.00
	b. Coarse Sand	15.00	cu.m.	901.00	13,515.00
	c. Gravel	29.84	cu.m.	992.00	29,601.28
Sub-total for E					115,196.28
F. Direct Unit Cost (C + E)					231,780.83
G. Overhead Contingencies & Miscellaneous (OCM)			9%	20,860.27	
H. Contractors Profit (CP)			8%	18,542.47	
I. Value Added Tax (VAT)			5%	13,559.18	
J. Total Unit Cost					9,542.32

DETAILED UNIT PRICE ANALYSIS

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BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 900(1)c5 Structural Concrete (Suspended Slabs and Staircase)

Unit of Measurement : cu. m.

Output per hour : 0.56 cu.m./hr.

Quantity : 52.44 cu. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	11.71	647.61	7,580.51
	b. Mason	10	11.71	468.87	54,882.91
	c. Laborer	20	11.71	361.25	84,571.21
Sub-total for A					147,034.62
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. One Bagger Mixer	2	11.71	1,376.00	32,213.14
	b. Concrete Vibrator	3	11.71	730.00	25,634.73
Sub-total for B					57,847.88
C. Total (A + B)					204,882.49
D. Output / day		4.48	cu.m./day		
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Portland Cement (40 kgs.)	478.00	bags	265.00	126,670.00
	b. Coarse Sand	27.00	cu.m.	901.00	24,327.00
	c. Gravel	52.44	cu.m.	992.00	52,020.48
Sub-total for E					203,017.48
F. Direct Unit Cost (C + E)					407,899.97
G. Overhead Contingencies & Miscellaneous (OCM)			9%		36,711.00
H. Contractors Profit (CP)			8%		32,632.00
I. Value Added Tax (VAT)			5%		23,862.15
J. Total Unit Cost					9,555.78

DETAILED UNIT PRICE ANALYSIS

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BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 900(1)c6 Structural Concrete (Beams/Girders)

Unit of Measurement : cu. m.

Output per hour : 0.56 cu.m./hr.

Quantity : 47.83 cu. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	10.68	647.61	6,914.10
	b. Mason	10	10.68	468.87	50,058.15
	c. Laborer	20	10.68	361.25	77,136.55
Sub-total for A					134,108.81
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. One Bagger Mixer	2	10.68	1,376.00	29,381.29
	b. Concrete Vibrator	3	10.68	730.00	23,381.18
Sub-total for B					52,762.47
C. Total (A + B)					186,871.28
D. Output / day		4.48	cu.m./day		
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Portland Cement (40 kgs.)	436.00	bags	265.00	115,540.00
	b. Coarse Sand	24.00	cu.m.	901.00	21,624.00
	c. Gravel	47.83	cu.m.	992.00	47,447.36
Sub-total for E					184,611.36
F. Direct Unit Cost (C + E)					371,482.64
G. Overhead Contingencies & Miscellaneous (OCM)			9%		33,433.44
H. Contractors Profit (CP)			8%		29,718.61
I. Value Added Tax (VAT)			5%		21,731.73
J. Total Unit Cost					9,541.43

DETAILED UNIT PRICE ANALYSIS

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Item No./Description : 901(1) Lean Concrete
 Unit of Measurement : cu. m.
 Output per hour : 0.72 cu.m./hr.
 Quantity : 14.07 cu. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	2.44	647.61	1,581.92
	b. Mason	5	2.44	468.87	5,726.56
	c. Laborer	10	2.44	361.25	8,824.28
Sub-total for A					16,132.77
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. One Bagger Mixer	1	2.44	1,376.00	3,361.17
Sub-total for B					3,361.17
C.	Total (A + B)				19,493.94
D.	Output / day 5.76 cu.m./day				
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Portland Cement (40 kgs.)	129.00	bags	265.00	34,185.00
	b. Coarse Sand	8.00	cu.m.	901.00	7,208.00
	c. Gravel	14.07	cu.m.	992.00	13,957.44
Sub-total for E					55,350.44
F.	Direct Unit Cost (C + E)				74,844.38
G.	Overhead Contingencies & Miscellaneous (OCM)			9%	6,735.99
H.	Contractors Profit (CP)			8%	5,987.55
I.	Value Added Tax (VAT)			5%	4,378.40
J.	Total Unit Cost				6,534.92

DETAILED UNIT PRICE ANALYSIS

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Item No./Description : 902(1)a Reinforcing Steel (Deformed), Grade 40
 Unit of Measurement : kgs.
 Output per hour : 196.15 kgs./hr.
 Quantity : 20,128 kgs.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	13.08	647.61	8,472.84
	b. Steelman	10	13.08	468.87	61,343.41
	c. Laborer	20	13.08	361.25	94,526.45
Sub-total for A					164,342.70
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Bar Cutter	2	13.08	1,758.00	46,000.69
	b. Bar Bender	2	13.08	2,812.00	73,580.17
Sub-total for B					119,580.86
C. Total (A + B)					283,923.57
D. Output / day		1,569.20 kgs./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. 12 mmØ Reinforcing Steel Bars	10,105.50	kgs.	47.00	474,958.50
	b. 10 mmØ Reinforcing Steel Bars	10,022.57	kgs.	47.00	471,060.79
	c. #16 G.I Tie Wire	402.56	kgs.	90.00	36,230.53
Sub-total for E					982,249.82
F. Direct Unit Cost (C + E)					1,266,173.38
G. Overhead Contingencies & Miscellaneous (OCM)			9%		113,955.60
H. Contractors Profit (CP)			8%		101,293.87
I. Value Added Tax (VAT)			5%		74,071.14
J. Total Unit Cost					77.28

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 902(1)b Reinforcing Steel (Deformed), Grade 60
Unit of Measurement : kgs.
Output per hour : 196.15 kgs./hr.
Quantity : 23,047 kgs.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	14.98	647.61	9,701.55
	b. Steelman	10	14.98	468.87	70,239.30
	c. Laborer	20	14.98	361.25	108,234.47
Sub-total for A					188,175.33
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Bar Cutter	2	14.98	1,758.00	52,671.61
	b. Bar Bender	2	14.98	2,812.00	84,250.61
Sub-total for B					136,922.23
C. Total (A + B)					325,097.56
D. Output / day		1,569.20 kgs./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. 16 mmØ Reinforcing Steel Bars	11,615.00	kgs.	47.00	545,905.00
	b. 20 mmØ Reinforcing Steel Bars	11,432.00	kgs.	47.00	537,304.00
	c. #16 G.I Tie Wire	460.94	kgs.	90.00	41,484.60
Sub-total for E					1,124,693.60
F. Direct Unit Cost (C + E)					1,449,791.16
G. Overhead Contingencies & Miscellaneous (OCM)			9%		130,481.20
H. Contractors Profit (CP)			8%		115,983.29
I. Value Added Tax (VAT)			5%		84,812.78
J. Total Unit Cost					77.28

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 903(1) Forms and Falsework
Unit of Measurement : L.S
Output per hour :
Quantity : 1.00 L.S

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	12.00	647.61	7,771.32
	b. Carpenter	10	12.00	468.87	56,264.40
	c. Laborer	20	12.00	361.25	86,700.00
Sub-total for A					150,735.72
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	Minor Tools (10% of Labor)				15,073.57
Sub-total for B					15,073.57
C. Total (A + B)					165,809.29
D. Output / day -					
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Assorted Coco Lumber	3,500.00	bd. Ft.	15.00	52,500.00
	b. 1/4" Thk. Ordinary Plywood	75.00	pcs.	385.00	28,875.00
	c. Assorted Common Nails	65.00	kgs.	50.00	3,250.00
Sub-total for E					84,625.00
F. Direct Unit Cost (C + E)					250,434.29
G. Overhead Contingencies & Miscellaneous (OCM)			9%		22,539.09
H. Contractors Profit (CP)			8%		20,034.74
I. Value Added Tax (VAT)			5%		14,650.41
J. Total Unit Cost					307,658.53

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 1000(1) Soil Poisoning
Unit of Measurement : L
Output per hour : 16.00 L/hr
Quantity : 420.00 L

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	3.28	647.61	2,124.97
	b. Carpenter	1	3.28	468.87	1,538.48
	c. Laborer	2	3.28	361.25	2,370.70
Sub-total for A					6,034.15
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	Minor Tools (10% of Labor)				603.42
Sub-total for B					603.42
C. Total (A + B)					6,637.57
D. Output / day		128.00			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Soil Poisoning	78.00	L	2,100.00	163,800.00
Sub-total for E					163,800.00
F. Direct Unit Cost (C + E)					170,437.57
G. Overhead Contingencies & Miscellaneous (OCM)			9%		15,339.38
H. Contractors Profit (CP)			8%		13,635.01
I. Value Added Tax (VAT)			5%		9,970.60
J. Total Unit Cost					498.53

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 1002(27) Plumbing Works

Unit of Measurement : L.S

Output per hour :

Quantity : 1.00 L.S

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	12.00	647.61	7,771.32
	b. Plumber	10	12.00	468.87	56,264.40
	c. Laborer	15	12.00	361.25	65,025.00
					129,060.72
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	Minor Tools (10% of Labor)				12,906.07
Sub-total for B					12,906.07
C. Total (A + B)					141,966.79
D. Output / day		- ln.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Plumbing Materials	1.00	l.s	334,047.73	334,047.73
Sub-total for E					334,047.73
F. Direct Unit Cost (C + E)					476,014.52
G. Overhead Contingencies & Miscellaneous (OCM)			9%		42,841.31
H. Contractors Profit (CP)			8%		38,081.16
I. Value Added Tax (VAT)			5%		27,846.85
J. Total Unit Cost					584,783.84

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
Item No./Description : 1003(1)a1 Ceiling (Fiber Cement Board)
Unit of Measurement : sq.m.
Output per hour : 1.24 sq.m./hr.
Quantity : 804.00 sq. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A. Labor					
	a. Construction Foreman	1	66.77	647.61	43,239.00
	b. Carpenter	1	66.77	468.87	31,305.06
	c. Laborer	2	66.77	361.25	48,239.19
Sub-total for A					122,783.26
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B. Equipment Cost					
	Minor Tools (10% of Labor)				12,278.33
Sub-total for B					12,278.33
C. Total (A + B)					135,061.58
D. Output / day		9.94 sq.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E. Materials					
	a. 4.5mm Fiber Cement Board	293.46	pcs.	455.00	133,524.30
	b. Metal Furring	909.32	pcs.	60.00	54,559.44
	c. Carrying Channels	287.03	pcs.	95.00	27,267.66
	d. Hanger Bars/Rod	804.00	pcs.	85.00	68,340.00
	e. Channel Clip	4,824.00	pcs.	12.00	57,888.00
	f. Wall Angle	191.35	pcs.	35.00	6,697.32
	g. Rivets	11,256.00	pcs.	10.00	112,560.00
	h. 1" Metal Screw	3,216.00	pcs.	7.00	22,512.00
Sub-total for E					483,348.72
F. Direct Unit Cost (C + E)					618,410.30
G. Overhead Contingencies & Miscellaneous (OCM)			9%		55,656.93
H. Contractors Profit (CP)			8%		49,472.82
I. Value Added Tax (VAT)			5%		36,177.00
J. Total Unit Cost					944.92

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 1004(1) Rough Hardware
Unit of Measurement : l.s
Output per hour :
Quantity : 1.00 l.s

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	7.00	647.61	4,533.27
	b. Welder	1	7.00	468.87	3,282.09
	c. Laborer	4	7.00	361.25	10,115.00
Sub-total for A					17,930.36
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	Minor Tools (10% of Labor Cost)				1,793.04
Sub-total for B					1,793.04
C. Total (A + B)					19,723.40
D. Output / day - kgs./day					
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Hardware	1.00	l.s	150,000.00	150,000.00
Sub-total for E					150,000.00
F. Direct Unit Cost (C + E)					169,723.40
G. Overhead Contingencies & Miscellaneous (OCM)			9%		15,275.11
H. Contractors Profit (CP)			8%		13,577.87
I. Value Added Tax (VAT)			5%		9,928.82
J. Total Unit Cost					208505.19

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 1004(2) Finishing Hardware
 Unit of Measurement : l.s
 Output per hour :
 Quantity : 1.00 l.s

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor (Labor cost for this item are to be considered/included in the installation of doors, windows, and other fabricated materials)				
Sub-total for A					-
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				-
Sub-total for B					-
C. Total (A + B)					-
D. Output / day		- kgs./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Finishing Hardware (Lockset, Latches, Bolts, Door closer, Knobs, Hinges Ladder, Grab Bar)	1.00	l.s	150,000.00	150,000.00
Sub-total for E					150,000.00
F. Direct Unit Cost (C + E)					150,000.00
G. Overhead Contingencies & Miscellaneous (OCM)			9%		13,500.00
H. Contractors Profit (CP)			8%		12,000.00
I. Value Added Tax (VAT)			5%		8,775.00
J. Total Unit Cost					184275.00

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 1007(2) Aluminum Framed Glass Doors

Unit of Measurement : L.S

Output per hour :

Quantity : 1.00 L.S

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	14.00	647.61	9,066.54
	b. Skilled Laborer	1	14.00	468.87	6,564.18
	c. Laborer	1	14.00	361.25	5,057.50
Sub-total for A					20,688.22
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Minor Tools (10 % of Labor)				2,068.82
Sub-total for B					2,068.82
C. Total (A + B)					22,757.04
D. Output / day					
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Aluminum Glass Door (Sliding Type)	1.00	l.s	331,484.98	331,484.98
	b. Consumables (3% of Materials Cost)				9,944.55
Sub-total for E					341,429.53
F. Direct Unit Cost (C + E)					364,186.57
G. Overhead Contingencies & Miscellaneous (OCM)			9%		32,776.79
H. Contractors Profit (CP)			8%		29,134.93
I. Value Added Tax (VAT)			5%		21,304.91
J. Total Unit Cost					447,403.20

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 1008(2) Aluminum Glass Windows
Unit of Measurement : L.S
Output per hour :
Quantity : 1.00 L.S

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	14.00	647.61	9,066.54
	b. Skilled Laborer	1	14.00	468.87	6,564.18
	c. Laborer	1	14.00	361.25	5,057.50
Sub-total for A					20,688.22
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Minor Tools (10 % of Labor)				2,068.82
Sub-total for B					2,068.82
C. Total (A + B)					22,757.04
D. Output / day					
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Aluminum Glass Windows (Sliding)	1.00	L.S	250,000.00	250,000.00
	b. Consumables (3% of Materials Cost)				7,500.00
Sub-total for E					257,500.00
F. Direct Unit Cost (C + E)					280,257.04
G. Overhead Contingencies & Miscellaneous (OCM)			9%		25,223.13
H. Contractors Profit (CP)			8%		22,420.56
I. Value Added Tax (VAT)			5%		16,395.04
J. Total Unit Cost					344,295.78

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 1010(4) Wooden Doors

Unit of Measurement : L.S

Output per hour :

Quantity : 1.00 L.S

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	10.00	647.61	6,476.10
	b. Skilled Laborer	1	10.00	468.87	4,688.70
	c. Laborer	1	10.00	361.25	3,612.50
Sub-total for A					14,777.30
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Minor Tools (10 % of Labor)				1,477.73
Sub-total for B					1,477.73
C. Total (A + B)					16,255.03
D. Output / day					
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Wooden Doors (Sliding)	1.00	L.S	100,000.00	100,000.00
	b. Consumables (3% of Materials Cost)				3,000.00
Sub-total for E					103,000.00
F. Direct Unit Cost (C + E)					119,255.03
G. Overhead Contingencies & Miscellaneous (OCM)			9%		10,732.95
H. Contractors Profit (CP)			8%		9,540.40
I. Value Added Tax (VAT)			5%		6,976.42
J. Total Unit Cost					146,504.80

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 1012(6) Glass and Glazing
Unit of Measurement : L.S
Output per hour :
Quantity : 1.00 L.S

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	18.00	647.61	11,656.98
	b. Carpenter	10	18.00	468.87	84,396.60
					96,053.58
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	Minor Tools (10% of Labor)				9,605.36
Sub-total for B					9,605.36
C. Total (A + B)					105,658.94
D. Output / day					
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Glass & Glazing	1.00	l.s	250,000.00	250,000.00
Sub-total for E					250,000.00
F. Direct Unit Cost (C + E)					355,658.94
G. Overhead Contingencies & Miscellaneous (OCM)			9%		32,009.30
H. Contractors Profit (CP)			10%		35,565.89
I. Value Added Tax (VAT)			5%		21,161.71
J. Total Unit Cost					444,395.84

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 1014(1)b2 Prepainted Metal Sheets

Unit of Measurement : sq.m

Output per hour : 2.08 sq.m/hr

Quantity : 470.00 sq.m

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	28.30	647.61	18,327.11
	b. Skilled Labor	1	28.30	468.87	13,268.84
	c. Laborer	2	28.30	361.25	20,446.47
					52,042.43
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	Minor Tools (10% of Labor)				5,204.24
Sub-total for B					5,204.24
C. Total (A + B)					57,246.67
D. Output / day		16.61	sq.m/day		
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Prepainted Metal Roofing Sheet GA.26 Long Span	493.50	sq.m	562.00	277,347.00
	b. Teckscrew with washers	4,700.00	pc	1.00	4,700.00
	c. Consumables (3% of Materials Cost)				8,461.41
Sub-total for E					290,508.41
F. Direct Unit Cost (C + E)					347,755.08
G. Overhead Contingencies & Miscellaneous (OCM)			9%		31,297.96
H. Contractors Profit (CP)			10%		34,775.51
I. Value Added Tax (VAT)			5%		20,691.43
J. Total Unit Cost					924.51

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 1016(1)a Waterproofing

Unit of Measurement : sq. m.

Output per hour : 16.01 sq.m./hr.

Quantity : 50.00 sq. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	0.39	647.61	252.77
	b. Installer	10	0.39	468.87	1,830.04
Sub-total for A					2,082.80
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Minor Tools (10% of Labor)				208.28
Sub-total for B					208.28
C. Total (A + B)					2,291.08
D. Output / day		128.10	sq.m./day		
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. 4 mm Slated Membrane Water Proofing	50.00	sq.m.	600.00	30,000.00
Sub-total for E					30,000.00
F. Direct Unit Cost (C + E)					32,291.08
G. Overhead Contingencies & Miscellaneous (OCM)			9%		2,906.20
H. Contractors Profit (CP)			8%		2,583.29
I. Value Added Tax (VAT)			5%		1,889.03
J. Total Unit Cost					793.39

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 1018(2) Unglazed Tiles

Unit of Measurement : sq.m.

Output per hour : 5.85 sq.m./hr.

Quantity : 151.16 sq. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	3.23	647.61	2,091.72
	b. Mason	10	3.23	468.87	15,144.10
	c. Laborer	20	3.23	361.25	23,336.13
Sub-total for A					40,571.96
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Tile Cutter	5	3.23	450.00	7,267.31
Sub-total for B					7,267.31
C. Total (A + B)					47,839.27
D. Output / day		46.80 sq.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Unglazed Tiles	158.72	sq.m.	375.00	59,519.25
	c. Cement Mortar	13.00	bags	400.00	5,200.00
	d. Tile Adhesives	17.00	bags	310.00	5,270.00
	e. Joint Filler (White Cement)	75.58	kgs.	15.00	1,133.70
	f. Tile Trim	90.00	pcs.	80.00	7,200.00
	g. Grinder Blade	10.00	pcs.	500.00	5,000.00
Sub-total for E					83,322.95
F. Direct Unit Cost (C + E)					131,162.22
G. Overhead Contingencies & Miscellaneous (OCM)			9%		11,804.60
H. Contractors Profit (CP)			8%		10,492.98
I. Value Added Tax (VAT)			5%		7,672.99
J. Total Unit Cost					1065.98

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE

Item No./Description : 1018(3) Granite Tiles

Unit of Measurement : sq.m.

Output per hour : 6.00 sq.m./hr.

Quantity : 602.30 sq. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	12.55	647.61	8,126.16
	b. Mason	10	12.55	468.87	58,833.42
	c. Laborer	20	12.55	361.25	90,658.70
Sub-total for A					157,618.27
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Tile Cutter	5	12.55	450.00	28,232.81
Sub-total for B					28,232.81
C.	Total (A + B)				185,851.08
D. Output / day		48.00 sq.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Glazed Tiles	632.42	sq.m.	313.00	197,945.90
	c. Cement Mortar	52.00	bags	400.00	20,800.00
	d. Tile Adhesives	67.00	bags	310.00	20,770.00
	e. Joint Filler (White Cement)	301.15	kgs.	30.00	9,034.50
	f. Grinder Blade	15.00	pcs.	500.00	7,500.00
	g. Aluminum Stair Nosing	200.00	ln.m.	120.00	24,000.00
Sub-total for E					280,050.40
F. Direct Unit Cost (C + E)					465,901.48
G. Overhead Contingencies & Miscellaneous (OCM)			9%		41,931.13
H. Contractors Profit (CP)			8%		37,272.12
I. Value Added Tax (VAT)			5%		27,255.24
J. Total Unit Cost					950.29

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 1018(5) Glazed Tiles
Unit of Measurement : sq.m.
Output per hour : 1.37 sq.m./hr.
Quantity : 279.61 sq.m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	25.61	647.61	16,582.26
	b. Mason	10	25.61	468.87	120,055.62
	c. Laborer	20	25.61	361.25	184,998.37
Sub-total for A					321,636.25
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Bagger Mixer	1	25.61	1,376.00	35,232.91
Sub-total for B					35,232.91
C. Total (A + B)					356,869.16
D. Output / day		10.92 sq.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Portland Cement	68.00	bags	265.00	18,020.00
	b. Fine Sand (For Plastering)	5.59	cu.m.	1,600.00	8,947.52
Sub-total for E					26,967.52
F. Direct Unit Cost (C + E)					383,836.68
G. Overhead Contingencies & Miscellaneous (OCM)			9%		34,545.30
H. Contractors Profit (CP)			8%		30,706.93
I. Value Added Tax (VAT)			5%		22,454.45
J. Total Unit Cost					1686.43

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 1027(1) Cement Plaster Finish
Unit of Measurement : sq.m.
Output per hour : 35.64 sq.m./hr.
Quantity : 2,089.03 sq.m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A. Labor					
	a. Construction Foreman	1	7.33	647.61	4,744.94
	b. Mason	10	7.33	468.87	34,353.38
	c. Laborer	20	7.33	361.25	52,936.45
Sub-total for A					92,034.77
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B. Equipment Cost					
	a. Bagger Mixer	1	7.33	1,376.00	10,081.74
Sub-total for B					10,081.74
C. Total (A + B)					102,116.51
D. Output / day		285.12 sq.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E. Materials					
	a. Portland Cement	502.00	bags	265.00	133,030.00
	b. Fine Sand (For Plastering)	41.78	cu.m.	1,600.00	66,848.96
Sub-total for E					199,878.96
F. Direct Unit Cost (C + E)					301,995.47
G. Overhead Contingencies & Miscellaneous (OCM)			9%		27,179.59
H. Contractors Profit (CP)			8%		24,159.64
I. Value Added Tax (VAT)			5%		17,666.73
J. Total Unit Cost					177.60

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
Item No./Description : 1032(1)a Painting Works
Unit of Measurement : sq. m.
Output per hour : 52.25 sq.m./hr.
Quantity : 2,287.39 sq. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	5.47	647.61	3,543.87
	b. Painter	10	5.47	468.87	25,657.62
	c. Laborer	15	5.47	361.25	29,652.62
Sub-total for A					58,854.11
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Minor Tools (10 % of Labor)				5,885.41
Sub-total for B					5,885.41
C. Total (A + B)					64,739.52
D. Output / day		418.00	sq.m./day		
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Latex Primer Paint	92.00	gal.	850.00	78,200.00
	b. Latex Gloss Paint (White)	92.00	gal.	759.00	69,828.00
	c. Scraper	20.00	pcs.	25.00	500.00
	d. Patching Compound	65.00	kgs.	30.00	1,950.00
	e. Roller Brush 9" with Tray	20.00	pcs.	200.00	4,000.00
	f. Roller Brush 6" with Tray	20.00	pcs.	150.00	3,000.00
	g. Paint Brush 4"	20.00	pcs.	55.00	1,100.00
	h. Sandpaper #120	3.00	rolls	1,600.00	4,800.00
	i. Paint Thinner (for Brush Washing)	5.00	gals.	334.00	1,670.00
	j. Masking Tape	20.00	pcs.	20.00	400.00
	k. Bondtite with Hardener	40.00	qtr.	400.00	16,000.00
Sub-total for E					181,448.00
F. Direct Unit Cost (C + E)					246,187.52
G. Overhead Contingencies & Miscellaneous (OCM)			9%		22,156.88
H. Contractors Profit (CP)			8%		19,695.00
I. Value Added Tax (VAT)			5%		14,401.97
J. Total Unit Cost					132.22

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 1046(2)a1 CHB Non-Load Bearing, 100mm thk.

Unit of Measurement : sq. m.

Output per hour : 3.83 sq. m./hr.

Quantity : 1,200.09 sq. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	39.22	647.61	25,398.38
	b. Installer	2	39.22	468.87	36,776.88
	c. Laborer	3	39.22	361.25	42,503.19
Sub-total for A					104,678.44
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. One Bagger Mixer Minor Tools (10% of Labor Cost)	1	39.22	1,376.00	53,964.83 10,467.84
Sub-total for B					64,432.68
C. Total (A + B)					169,111.11
D. Output / day		30.60 sq.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. 100mm thk CHB (Non-Load Bearing	15,601.17	pc	15.00	234,017.55
	Cement	630.05	bag	305.00	192,164.41
	Sand	48.00	cu.m	1,500.00	72,005.40
	Reinforcing Steel	3,888.29	kgs	47.00	182,749.71
	#16 Tie Wire	60.00	kgs	91.00	5,460.41
Sub-total for E					686,397.48
F. Direct Unit Cost (C + E)					855,508.59
G. Overhead Contingencies & Miscellaneous (OCM)			9%		76,995.77
H. Contractors Profit (CP)			8%		68,440.69
I. Value Added Tax (VAT)			5%		50,047.25
J. Total Unit Cost					875.76

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 1047(2)a Structural Steel (Trusses)

Unit of Measurement : kg

Output per hour : 85.00 kg/hr.

Quantity : 2,925.69 kg.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A. Labor	Fabrication				
	a. Construction Foreman	1	4.30	647.61	2,786.33
	b. Skilled Laborer	2	4.30	468.87	4,034.61
	c. Laborer	2	4.30	361.25	3,108.55
	Erection				
	a. Skilled Laborer	3	2.11	468.87	2,965.44
	b. Laborer	3	2.11	361.25	2,284.78
Sub-total for A					15,179.71
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B. Equipment Cost					
	a. Welding Machine	1	3.23	2,968.00	9,577.33
	b. Cutting Outfit	1	1.08	363.60	391.10
	c. Truck Mounted Crane (31 - 35 mt)	1	2.11	14888	31,387.15
	Minor Tools (10% of Labor)				1,517.97
Sub-total for B					42,873.55
C. Total (A + B)					58,053.26
D. Output / day		680.00 sq.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E. Materials					
	a. Structural Steel Truss	2,925.69	kg	58.00	169,690.02
	b. Acetylene	32.18	kg	84.00	2,703.34
	c. Oxygen	64.37	kg	54.00	3,475.72
	d. Welding Rod	58.51	kg	180.00	10,532.48
	e. Consumable (5% of Materials Cost)				
Sub-total for E					186,401.56
F. Direct Unit Cost (C + E)					244,454.82
G. Overhead Contingencies & Miscellaneous (OCM)			9%		22,000.93
H. Contractors Profit (CP)			8%		19,556.39
I. Value Added Tax (VAT)			5%		14,300.61
J. Total Unit Cost					102.65

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 1047(2)b Structural Steel (Purlins)

Unit of Measurement : kg

Output per hour : 90.45 kg/hr.

Quantity : 1,303.25 kg.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A. Labor	Fabrication				
	a. Construction Foreman	1	1.80	647.61	1,166.39
	b. Skilled Laborer	2	1.80	468.87	1,688.93
	c. Laborer	4	1.80	361.25	2,602.54
Sub-total for A					5,457.85
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B. Equipment Cost	a. Welding Machine	1	1.35	2,968.00	4,009.17
	Minor Tools (10% of Labor)				545.79
Sub-total for B					4,554.95
C. Total (A + B)					10,012.81
D. Output / day		723.60	sq.m./day		
Name and Specification		Quantity	Unit	Unit Cost	Total
E. Materials	a. Structural Steel Purlins	1,303.25	kg	58.00	75,588.50
	b. Welding Rod	26.07	kg	180.00	4,691.70
	c. Consumable (5% of Materials Cost)				4,014.01
Sub-total for E					84,294.21
F. Direct Unit Cost (C + E)					94,307.02
G. Overhead Contingencies & Miscellaneous (OCM)			9%		8,487.63
H. Contractors Profit (CP)			8%		7,544.56
I. Value Added Tax (VAT)			5%		5,516.96
J. Total Unit Cost					88.90

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 1047(10) Metal Structure Accesories

Unit of Measurement : l.s

Output per hour :

Quantity : 1.00 l.s

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	5.00	647.61	3,238.05
	b. Skilled Laborer	1	5.00	468.87	2,344.35
	c. Laborer	1	5.00	361.25	1,806.25
Sub-total for A					7,388.65
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	Minor Tools (10% of Labor)				738.87
Sub-total for B					738.87
C. Total (A + B)					8,127.52
D. Output / day - set/day					
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Metal Accessories (Sagrod, Turnbuckle, Crossbracing)	1.00	l.s	200,000.00	200,000.00
Sub-total for E					200,000.00
F. Direct Unit Cost (C + E)					208,127.52
G. Overhead Contingencies & Miscellaneous (OCM)			9%		18,731.48
H. Contractors Profit (CP)			8%		16,650.20
I. Value Added Tax (VAT)			5%		12,175.46
J. Total Unit Cost					255,684.65

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 1051(5) Metal Railings
 Unit of Measurement : meter
 Output per hour : 7.50 ln.m./hr.
 Quantity : 25.00 ln. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	0.42	647.61	269.84
	b. Welder	4	0.42	468.87	781.45
	c. Laborer	6	0.42	361.25	903.13
Sub-total for A					1,954.41
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Bar Cutter	1	0.42	1,758.00	732.50
	b. Welding Machine	1	0.42	3,128.00	1,303.33
Sub-total for B					2,035.83
C. Total (A + B)					3,990.25
D. Output / day		60.00 meter/day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. 50 mmØ G.I Pipe (Sch. 40, 3.0 m long)	60.00	pcs.	1,356.00	81,360.00
	b. 38 mmØ G.I Pipe (Sch. 40, 3.0 m long)	123.00	pcs.	996.00	122,508.00
	c. Bondtite with Hardener	20.00	qtr.	400.00	8,000.00
	d. Bar Cutter Blade	10.00	pcs.	400.00	4,000.00
	e. Metal Primer	6.00	gals.	600.00	3,600.00
	f. Quick Drying Enamel	6.00	gals.	775.00	4,650.00
	g. Sandpaper #240	30.00	pcs.	25.00	750.00
	h. Metal Polish	15.00	cans	95.00	1,425.00
	i. Welding Rod	10.00	kgs.	150.00	1,500.00
	j. Paint Brush (4")	5.00	pcs.	55.00	275.00
	k. Paint Brush (2")	5.00	pcs.	45.00	225.00
	l. Paint Thinner	2.00	gals.	334.00	668.00
	m. Toilet Handrail (for PWD Toilet)	1.00	set	1,000.00	1,000.00
Sub-total for E					229,961.00
F. Direct Unit Cost (C + E)					233,951.25
G. Overhead Contingencies & Miscellaneous (OCM)			9%	21,055.61	
H. Contractors Profit (CP)			8%	18,716.10	
I. Value Added Tax (VAT)			5%	13,686.15	
J. Total Unit Cost					11,496.36

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 1100(10) Conduit, Boxes and Fittings

Unit of Measurement : L.S

Output per hour :

Quantity : 1.00 L.S

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	21.00	647.61	13,599.81
	b. Electrician	2	21.00	468.87	19,692.54
	c. Laborer	2	21.00	361.25	15,172.50
					48,464.85
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	Minor Tools (10% of Labor)				4,846.49
Sub-total for B					4,846.49
C. Total (A + B)					53,311.34
D. Output / day		36.00	In.m./day		
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	1 RMC Pipes 90 mm x 3.0 mtrs.	15.00	lght.	2,328.00	34,920.00
	2 PVC Pipes 15mm x 3.0 mtrs.	304.00	lght.	73.00	22,192.00
	3 PVC Pipes 25mm x 3.0 mtrs.	47.00	lght.	128.00	6,016.00
	4 PVC Pipes 32mm x 3.0 mtrs.	10.00	lght.	200.00	2,000.00
	5 PVC Pipes 50mm x 3.0 mtrs.	29.00	lght.	265.00	7,685.00
	6 15mm dia x 90 deg. RSC Elbows	76.00	pcs.	150.00	11,400.00
	7 15mm dia LB Condulets	76.00	pcs.	70.00	5,320.00
	8 15mm dia Lock nuts	76.00	pcs.	5.00	380.00
	9 15mm dia x 90 deg. PVC Elbows	76.00	pcs.	20.00	1,520.00
	10 15mm dia LB Condulets	76.00	pcs.	70.00	5,320.00
	11 15mm dia Lock nuts	76.00	pcs.	5.00	380.00
	12 25mm dia PVC Couplings	24.00	pcs.	13.00	312.00
	13 25mm dia x 90 deg. RSC Elbows	5.00	pcs.	25.00	125.00
	14 25mm dia LB Condulets	15.00	pcs.	70.00	1,050.00
	15 25mm dia Lock nuts	38.00	pcs.	5.00	190.00
	16 25mm dia Bushing	38.00	pcs.	8.00	304.00
	17 25mm dia PVC Pipe Clamps	38.00	pcs.	15.00	570.00
	18 32mm dia PVC Couplings	5.00	pcs.	13.00	65.00
	19 32mm dia x 90 deg. RSC Elbows	5.00	pcs.	25.00	125.00
	20 32mm dia LB Condulets	5.00	pcs.	70.00	350.00
	21 32mm dia Lock nuts	5.00	pcs.	5.00	25.00
	22 32mm dia Bushing	5.00	pcs.	8.00	40.00
	23 32mm dia PVC Pipe Clamps	5.00	pcs.	20.00	100.00
	24 50mm dia PVC Couplings	15.00	pcs.	70.00	1,050.00
	25 50mm dia x 90 deg. RSC Elbows	15.00	pcs.	25.00	375.00
	26 50mm dia LB Condulets	15.00	pcs.	70.00	1,050.00
	27 50mm dia Lock nuts	15.00	pcs.	5.00	75.00
	28 50mm dia Bushing	15.00	pcs.	8.00	120.00
	29 50mm dia PVC Pipe Clamps	15.00	pcs.	20.00	300.00

30	90mm dia x 90 deg. RSC Elbows	8.00	pcs.	150.00	1,200.00
31	90mm dia RSC Coupling	8.00	pcs.	75.00	600.00
32	90mm dia Lock Nuts	8.00	pcs.	13.25	106.00
33	90mm dia Bushing	8.00	pcs.	18.00	144.00
34	90mm dia LB Condulet	8.00	pcs.	450.00	3,600.00
35	90mm dia Metal Pipe Clamps	10.00	pcs.	60.00	600.00
36	SERVICE ENTRANCE CAP (90 mm D)	1.00	Pc.	1,200.00	1,200.00
37	#7 PVC Tox with Screw	10.00	boxes	275.00	2,750.00
38	1/2" dia Mica Tube	150.00	mtrs.	47.00	7,050.00
39	#16 G.I. Tie Wire	50.00	kls.	78.00	3,900.00
40	Junction Box Deep Type	50.00	pcs.	34.00	1,700.00
41	Utility Box Deep Type	201.00	pcs.	32.00	6,432.00
42	PVC Solvent	20.00	can	138.00	2,760.00
Sub-total for E					135,401.00
F.	Direct Unit Cost (C + E)				188,712.34
G.	Overhead Contingencies & Miscellaneous (OCM)		9%		16,984.11
H.	Contractors Profit (CP)		8%		15,096.99
I.	Value Added Tax (VAT)		5%		11,039.67
J.	Total Unit Cost				231,833.10

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 1101(33) Wires and Wiring Devices

Unit of Measurement : L.S

Output per hour :

Quantity : 1.00 L.S

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	18.21	647.61	11,793.70
	b. Electrician	3	18.21	468.87	25,615.93
	c. Laborer	3	18.21	361.25	19,736.29
					57,145.92
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	Minor Tools (10% of Labor)				5,714.59
Sub-total for B					5,714.59
C.	Total (A + B)				62,860.51
D.	Output / day	450.00	In.m./day		
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. ELECTRIC WIRES 2.0 mm ² THW	3,561.00	mtrs.	29.00	103,269.00
	b. ELECTRIC WIRES 2.0 mm ² TW (for GROUNDING)	154.00	mtrs.	29.00	4,466.00
	c. ELECTRIC WIRES 3.5 mm ² THW	1,325.00	mtrs.	24.00	31,800.00
	d. ELECTRIC WIRES 3.5 mm ² TW (for GROUNDING)	27.00	mtrs.	24.00	648.00
	e. ELECTRIC WIRES 5.5 mm ² THW	1,019.00	mtrs.	38.00	38,722.00
	f. ELECTRIC WIRES 5.5 mm ² TW (for GROUNDING)	154.00	mtrs.	38.00	5,852.00
	g. ELECTRIC WIRES 8.0 mm ² THW	185.00	mtrs.	73.25	13,551.25
	h. ELECTRIC WIRES 14 mm ² THW	690.00	mtrs.	97.00	66,930.00
	i. ELECTRIC WIRES 14 mm ² TW (FOR GROUNDING)	17.00	mtrs.	97.00	1,649.00
	j. ELECTRIC WIRES 30 mm ² TW (for GROUNDING)	154.00	mtrs.	187.60	28,890.40
	k. ELECTRIC WIRES 50 mm ² THW	690.00	mtrs.	365.00	251,850.00
	l. ELECTRIC WIRES 200 mm ² TW (for GROUNDING)	50.00	mtrs.	1,350.00	67,500.00
	m. ELECTRIC WIRES 325 mm ² THW	169.00	mtrs.	1,850.00	312,650.00
	n. DUPLEX CONVENIENCE OUTLET	28.00	sets	170.00	4,760.00
	o. FLOOR POP-UP CONVENIENCE OUTLET	49.00	sets	367.00	17,983.00
	m. WEATHERPROOF OUTLET	8.00	set	367.00	2,936.00
	n. TELEPHONE OUTLET RJ 45 (Including INTERCOMS)	32.00	set	208.00	6,656.00
	o. ONE-GANG SWITCH	10.00	pcs.	96.00	960.00
	p. TWO-GANG SWITCH	51.00	pcs.	132.00	6,732.00
	q. THREE-GANG SWITCH	23.00	pcs.	178.00	4,094.00
	r. ELECTRICAL TAPE	50.00	rolls	31.00	1,550.00
	s. Kilowatt hour meter (Zamcelco Standard)	1.00	Unit	2,700.00	2,700.00
Sub-total for E					976,148.65
F.	Direct Unit Cost (C + E)				1,039,009.16
G.	Overhead Contingencies & Miscellaneous (OCM)			9%	93,510.82
H.	Contractors Profit (CP)			8%	83,120.73
I.	Value Added Tax (VAT)			5%	60,782.04
J.	Total Unit Cost				1,276,422.76

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 1102(1) Panelboard with main & Branch Breakers

Unit of Measurement : L.S

Output per hour :

Quantity : 1.00 L.S

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	2.00	647.61	1,295.22
	b. Electrician	3	2.00	468.87	2,813.22
	c. Laborer	3	2.00	364.25	2,185.50
					6,293.94
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	Minor Tools (10% of Labor)				629.39
Sub-total for B					629.39
C. Total (A + B)					6,923.33
D. Output / day		4.00 set/day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Panel Boards, 2P, 6 Branches, Center Main Breaker : 30AT, 30AF, 2P, 240V, 60Hz ACB, Bolt-on Type Branches: 5 X 15AT, 30AF, 2P, 240V, 60Hz, 1 x SPARE Bolt-on type	2.00	sets	7,100.00	14,200.00
					-
	b. Panel Boards, 2P, 6 Branches, Center Main Breaker : 60AT, 60AF, 2P, 240V, 60Hz ACB, Bolt-on Type Branches: 2 X 15 AT, 2 X 20AT, 60AF, 2P, 240V, 60Hz, 2 x SPARE Bolt-on type	1.00	set	7,100.00	7,100.00
					-
	c. Panel Boards, 2P, 6 Branches, Center Main Breaker : 60AT, 60AF, 2P, 240V, 60Hz ACB, Bolt-on Type Branches: 5 X 20AT, 60AF, 2P, 240V, 60Hz, 1 x SPARE Bolt-on type	3.00	set	7,100.00	21,300.00
					-
	d. Panel Boards, 2P, 10 Branches, Center Main Breaker : 30AT, 30AF, 2P, 240V, 60Hz ACB, Bolt-on Type Branches: 8 X 15AT, 30AF, 2P, 240V, 60Hz, 2 x SPARE Bolt-on type	1.00	set	10,200.00	10,200.00
	e. Panel Boards, 2P, 8 Branches, Center Main Breaker : 225AT, 300AF, 2P, 240V, 60Hz ACB, Bolt-on Type Branches: 7 X 30AT, 60AF, 2P, 240V, 60Hz, 1 x SPARE Bolt-on type	1.00	set	8,900.00	8,900.00
	f. Panel Boards, 2P, 4 Branches, Center Main Breaker : 150 AT, 150 AF, 2P, 240V, 60Hz ACB, Bolt-on Type Branches: 2 X 30AT, 60AF, 1 X 70 AT, 100 AT 2P, 240V, 60Hz, 1 x SPARE Bolt-on type	1.00	set	5,300.00	5,300.00
Sub-total for E					67,000.00
F. Direct Unit Cost (C + E)					73,923.33
G. Overhead Contingencies & Miscellaneous (OCM)			9%		6,653.10
H. Contractors Profit (CP)			8%		5,913.87
I. Value Added Tax (VAT)			5%		4,324.52
J. Total Unit Cost					90,814.82

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 1103(1) Lighting Fixtures & Lamps

Unit of Measurement : L.S

Output per hour :

Quantity : 1.00 L.S

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	22.13	647.61	14,328.37
	b. Electrician	3	22.13	468.87	31,121.25
	c. Laborer	3	22.13	361.25	23,977.97
Sub-total for A					69,427.59
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	Minor Tools (10% of Labor)				6,942.76
Sub-total for B					6,942.76
C. Total (A + B)					76,370.34
D. Output / day		16.00	set/day		
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. 3 Watts LED RECESSED DOWNLIGHT (3.5" ø DIE-CAST ALUMINUM)	60.00	sets	400.00	24,000.00
	b. 7 Watts LED RECESSED DOWNLIGHT (4.25" ø DIE-CAST ALUMINUM)	54.00	sets	620.00	33,480.00
	c. 10 Watts LED RECESSED DOWNLIGHT (5.50" DIE-CAST ALUMINUM)	65.00	sets	1,060.00	68,900.00
	d. 13 Watts LED SURFACE MOUNTED	5.00	sets	880.00	4,400.00
	e. 31 Watts LED LUMINAIRES WITH POLYCARBONATE LIGHT COVER	129.00	sets	2,500.00	322,500.00
	f. LIGHTING OUTLETS (POST LIGHTS)	7.00	sets	2,800.00	19,600.00
	g. EMERGENCY LIGHTS	34.00	sets	1,477.00	50,218.00
Sub-total for E					523,098.00
F. Direct Unit Cost (C + E)				599,468.34	
G. Overhead Contingencies & Miscellaneous (OCM)			9%	53,952.15	
H. Contractors Profit (CP)			8%	47,957.47	
I. Value Added Tax (VAT)			5%	35,068.90	
J. Total Unit Cost				736,446.86	

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 1201(1) Water Pumping System
Unit of Measurement : L.S
Output per hour :
Quantity : 1.00 L.S

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	5.00	647.61	3,238.05
	b. Installer	5	5.00	468.87	11,721.75
	c. Laborer	5	5.00	361.25	9,031.25
Sub-total for A					23,991.05
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Minor Tools (10 % of Labor)				2,399.11
Sub-total for B					2,399.11
C. Total (A + B)					26,390.16
D. Output / day					
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. 2,000-Galloon Water Tank with Complete Accessories (e.g Float Valve)	4.00	sets	200,000.00	800,000.00
	b. Booster Pump with Control (2 Kw Electric Motor with complete accessories)	2.00	set	20,000.00	40,000.00
Sub-total for E					840,000.00
F. Direct Unit Cost (C + E)					866,390.16
G. Overhead Contingencies & Miscellaneous (OCM)			9%		77,975.11
H. Contractors Profit (CP)			8%		69,311.21
I. Value Added Tax (VAT)			5%		50,683.82
J. Total Unit Cost					1,064,360.31

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
BUILDING AT MSU-TCTO, BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : 1208 Fire Alarm System
Unit of Measurement : l.s
Output per hour :
Quantity : 1.00 l.s

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Safety Practioner	1	3.00	647.61	1,942.83
	b. Electrician	3	3.00	468.87	4,219.83
	c. Laborer	3	3.00	361.25	3,251.25
Sub-total for A					9,413.91
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Minor Tools (10% of Labor)				941.39
Sub-total for B					941.39
C. Total (A + B)					10,355.30
D. Output / day		- set/day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. SMOKE DETECTOR	28.00	set	2,047.00	57,316.00
	b. EQUIPMENT FOR FIRE ALARM STATION (MANUAL)	4.00	set	1,680.00	6,720.00
	c. EQUIPMENT FOR FIRE ALARM BELL (VIBRATING 6" D)	4.00	set	1,470.00	5,880.00
	d. EQUIPMENT FOR FIRE ANNUNCIATOR	4.00	set	7,560.00	30,240.00
	e. EQUIPMENT FOR FIRE ALARM CONTROL PANEL	1.00	set	14,584.00	14,584.00
	f. ELECTRICAL TAPE	5.00	rolls	31.00	155.00
Sub-total for E					114,895.00
F. Direct Unit Cost (C + E)					125,250.30
G. Overhead Contingencies & Miscellaneous (OCM)			9%		11,272.53
H. Contractors Profit (CP)			8%		10,020.02
I. Value Added Tax (VAT)			5%		7,327.14
J. Total Unit Cost					153,869.99

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
Item No./Description : B.3 Permit and Clearances
Unit of Measurement : l.s
Output per hour :
Quantity : 1.00

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
Sub-total for A					-
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
Sub-total for B					-
C.	Total (A + B)				-
D.	Output / day				-
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Clearances	1.00	l.s	30,000.00	30,000.00
Sub-total for E					30,000.00
F.	Direct Unit Cost (C + E)				30,000.00
G.	Overhead Contingencies & Miscellaneous (OCM)			9%	-
H.	Contractors Profit (CP)			8%	2,400.00
I.	Value Added Tax (VAT)			5%	1,620.00
J.	Total Unit Cost				34,020.00

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
Item No./Description : B.5 Project Billboard
Unit of Measurement : Each
Output per hour :
Quantity : 2.00

Designation		No. of Person	No. of Days	Daily Rate	Amount
A. Labor					
	a. Construction Foreman	1	2.00	647.61	1,295.22
	b. Carpenter	1	2.00	468.61	937.22
	c. Laborer	1	2.00	361.25	722.50
Sub-total for A					2,954.94
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B. Equipment Cost					
Sub-total for B					-
C. Total (A + B)					2,954.94
D. Output / day					-
Name and Specification		Quantity	Unit	Unit Cost	Total
E. Materials					
	a. 1/4" Thk. Marine Plywood	2.00	pcs.	500.00	1,000.00
	b. Tarpaulin 4' x 8'	2.00	pcs.	1,200.00	2,400.00
	c. Assorted Size Lumber	80.00	bd.ft.	15.00	1,200.00
	d. Assorted Common Nails	2.00	kgs.	50.00	100.00
Sub-total for E					4,700.00
F. Direct Unit Cost (C + E)					7,654.94
G. Overhead Contingencies & Miscellaneous (OCM)			9%		688.94
H. Contractors Profit (CP)			8%		612.40
I. Value Added Tax (VAT)			5%		447.81
J. Total Unit Cost					4,702.05

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
Item No./Description : B.7 Occupational Safety and Health Program
Unit of Measurement : month
Output per hour :
Quantity : 5.13

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Safety Practioner	1	154.00	647.61	99,731.94
	b. First Aider	1	154.00	468.87	72,205.98
Sub-total for A					171,937.92
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
Sub-total for B					-
C.	Total (A + B)				171,937.92
D.	Output / day				
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Pairs, Rubber Boots Men, Long with Steel Toe, Black	36.00	pair	400.00	14,400.00
	b. Pairs, Working Gloves (Leather Materials)	36.00	pair	175.00	6,300.00
	c. Pcs., Rain Coats (Rainforced, Hip Length Small,	36.00	pc.	150.00	5,400.00
	d. Hard Hat	36.00	pc.	250.00	9,000.00
	e. Medical Supplies	1.00	set	5,000.00	5,000.00
Sub-total for E					40,100.00
F.	Direct Unit Cost (C + E)				212,037.92
G.	Overhead Contingencies & Miscellaneous (OCM)			9%	19,083.41
H.	Contractors Profit (CP)			8%	16,963.03
I.	Value Added Tax (VAT)			5%	12,404.22
J.	Total Unit Cost				50,744.53

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER
STRUCTURES - MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE
Item No./Description : B.9 Mobilization/Demobilization
Unit of Measurement : L.S
Output per hour :
Quantity : 1.00

Designation	No. of Person	No. of Days	Daily Rate	Amount
A. Labor				
Sub-total for A				
Name and Capacity	No. of Equipment	No. of Days	Daily Rate	Amount
B. Equipment Cost (2009 ACEL Rates)				
b. One Bagger Mixer	3	4.00	1,376.00	16,512.00
c. Dump Truck (12 cu.yd.)	1	4.00	11,360.00	45,440.00
d. Concrete Vibrator	2	4.00	730.00	5,840.00
e. Tile Cutter	4	4.00	-	-
f. Bar Cutter, Single Phase, 25mm.	2	4.00	1,758.00	14,064.00
g. Bar Bender	2	4.00	2,812.00	22,496.00
h. Welding Machine	1	4.00	3,128.00	12,512.00
i. Boom Truck	2	4.00	8,119.20	64,953.60
j. Backhoe	2	4.00	15,984.00	127,872.00
Sub-total for B				309,689.60
C. Total (A + B)				309,689.60
D. Output / day				
Name and Specification	Quantity	Unit	Unit Cost	Total
E. Materials				
Sub-total for E				-
F. Direct Unit Cost (C + E)				309,689.60
G. Overhead Contingencies & Miscellaneous (OCM)		9%		-
H. Contractors Profit (CP)		8%		-
I. Value Added Tax (VAT)		5%		15,484.48
J. Total Unit Cost				325,174.08

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED LOCAL INFRASTRUCTURE PROGRAM - BUILDINGS AND OTHER STRUCTURES -
MULTIPURPOSE/FACILITIES - CONSTRUCTION OF MULTIPURPOSE BUILDING AT MSU-TCTO,
BRGY SANGA-SANGA, BONGAO, TAWI-TAWI

Item No./Description : A.1.1(11) Provision of Furnitures/Fixtures, Equipment & Appliances for the Field

Unit of Measure : l.s

Output per hour :

Quantity : 1.00 l.s

	Designation	No. of Person	No. of Days	Daily Rate	Amount
A.	Labor		366.00		
	Sub-total for A				-
	Name and Capacity	No. of Equipmen [†]	No. of Days	Daily Rate	Amount
B.	Equipment Cost (2014 ACEL Rates)				
	Sub-total for B				-
C.	Total (A + B)				-
D.	Output / day - km./day				
	Name and Specification	Quantity	Unit	Unit Cost	Total
E.	Materials				
	Office Equipment/Facilities & Supplies				
	a. Office Table, Executive Type w/ chair	1.00	unit	7,000.00	7,000.00
	b. 1/2" Wooden Office Table	3.00	each	2,500.00	7,500.00
	c. Laptop, 17 or Higher, High end	1.00	unit	50,000.00	50,000.00
	d. Electric Desk Fan	2.00	unit	1,800.00	3,600.00
	e. Folding Beds, Good Quality	5.00	each	2,700.00	13,500.00
	f. 6" Sleeping Bed w/pillows and Blanket	5.00	each	5,000.00	25,000.00
	g. Double Burner Gas Stove (Gasul)	1.00	unit	3,700.00	3,700.00
	h. 10 Cups Rice Cooker	1.00	unit	2,500.00	2,500.00
	i. Aluminum Cookware	1.00	set	3,500.00	3,500.00
	j. Plate, Glass, Spoon and Fork	2.00	doz.	2,000.00	4,000.00
	k. 6 Seater Dining Table	1.00	each	2,800.00	2,800.00
	l. Monoblock Backrest Chair	1.00	doz.	2,500.00	2,500.00
	m. Plastic Pail & Basin	4.00	pc.	500.00	2,000.00
	n. White Board	3.00	unit	7,000.00	21,000.00
	o. Bond Paper (Long)	30.00	ream	300.00	9,000.00
	p. Bond Paper (Short)	30.00	ream	270.00	8,100.00
	r. Air Conditioner Window Type 2.0HP 220kv	1.00	unit	30,000.00	30,000.00
	s. Sign Pen (Assorted Colors)	2.00	doz.	800.00	1,600.00
	t. Ball Pen	2.00	box	180.00	360.00
	u. Mechanical Pencil	5.00	unit	350.00	1,750.00
	v. Pencil Lead, No.5	3.00	box	145.00	435.00
	w. Puncher	3.00	unit	250.00	750.00
	x. Staple Padw/wire	2.00	unit	275.00	550.00
	y. Cutter Blade	2.00	box	238.00	476.00
	z. Scotch Tape	12.00	roll	48.00	576.00
	aa. Brown Envelop	6.00	doz.	125.00	750.00
	ab. Folder, long	5.00	doz.	85.00	425.00
	ac. Folder, short	3.00	doz.	70.00	210.00
	ad. Data File Folder	6.00	pc.	85.00	510.00
	Lighting/Water Fixtures:				
	a. Electric Bill	5.00	mo.	1,800.00	9,000.00
	b. Water Bill	5.00	mo.	1,200.00	6,000.00
	c. LPG Gasul (11 Kg.)	5.00	mo.	900.00	4,500.00
	Sub-total for E				223,592.00
F.	Direct Unit Cost (C + E)				223,592.00
G.	Overhead Contingencies & Miscellaneous (OCM)				9%
H.	Contractors Profit (CP)				8%
I.	Value Added Tax (VAT)				5%
J.	Total Unit Cost				253,553.33